

PM 23 228-145

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SEP 20 1988

Mr. Russell F. Sawyer
Riverdale Chemical Company
425 West 19th Street
Glenwood, IL 60425-1584

Dear Mr. Sawyer:

Subject: Label Revisions
Riverdale Weedstroy AM-40 Amine Salt
EPA Registration No. 228-145
Your Resubmission Dated September 9, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

The hyacinth and TVA programs must each be described on separate supplemental labeling since neither use is intended, nor permitted by labeling, for the general user.

There will be further labeling changes and other issues when the Registration Standard for 2,4-D is released in the near future.

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosure

ST073:1:Mountfort:MF-13:KERO:9/19/88:9/28/88:CT:PR:VO:CT

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

CORROSIVE: Causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles, or face shield. Avoid contact with skin. May cause skin irritation. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Harmful if swallowed. Avoid inhaling vapor or spray mist. Do not apply this product in such a manner as to, directly or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

IF ON SKIN: Wash skin with soap and water.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands, except as specified on this label. Do not contaminate water when disposing of equipment washwaters. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes. Use care to avoid spray contact or drift to 2,4-D susceptible plants such as cotton, tomatoes, flowers, grapes, fruit trees and ornamentals. Excessive amounts of this product in soil may temporarily inhibit seed germination and plant growth. Do not permit spray mist containing this product to drift onto them. Do not spray when the wind is blowing towards susceptible crops or ornamental plants. Use coarse sprays to minimize drift. Spray drift can be lessened by keeping the spray boom as low as possible, by spraying when wind velocity is low, and by stopping all spraying when wind exceeds 6 to 7 miles per hour. Do not use the same spray equipment for applying other materials to 2,4-D susceptible crops as injury may result. It is best to use a separate sprayer for application of insecticides and fungicides.

Do not forage or graze treated fields within 2 weeks after treatment with 2,4-D.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL DIRECTIONS BEFORE USING.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Warnings should state: "Do not enter treated areas unless wearing chemical resistant full body clothing including MOSH approved respirator, goggles and gloves until sprays have dried." When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:

DANGER: Area treated with 2,4-D Amine Salt on date of application. Do not enter without appropriate protective clothing until sprays have dried. In case of accidental exposure, follow precautionary statements on label.

Riverdale

WEDESTROY® AMINE SALT

A SELECTIVE WEED KILLER

For Control of Many Broadleaf Weeds in both Non-Crop Areas and Lawns, Ponds, Ditchbanks, Pastures, and Rangelands. Also for Injection.

ACTIVE INGREDIENT:

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*

INERT INGREDIENTS:

TOTAL

*2,4-Dichlorophenoxyacetic Acid Equivalent:
Isomer Specific by AOAC Method

Weedestroy® - Registered Trademark of Riverdale Chemical Co.

KEEP OUT OF REACH OF CHILDREN DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

STORAGE AND DISPOSAL

STORAGE: Always store pesticides in a secure warehouse or storage building. Do not store pesticides or fungicides. Store at temperatures above 32°F. If allowed to freeze, rewarm to 40°F. This does not alter this product. Containers should be opened in well-ventilated areas. Keep containers dry. Do not stack cardboard cases more than two pallets high. Do not contaminate water, food or feed.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. If container is damaged or if pesticide has leaked and clean up all spilled material with granules or sand. Place in a closed, labeled container for proper disposal of excess pesticide, spray mixtures, or rinsate is a violation of Federal law. If these wastes cannot be properly disposed of by the user, contact your State Pesticide or Environmental Control Agency, or the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning in a sanitary landfill, or by other procedures approved by State and Local authorities.

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GALS.

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FISH TOXICITY - Oxygen Ratio

Fish breathe oxygen in the water and a water-oxygen ratio must be maintained. Decaying weeds use up oxygen. To avoid fish kill from decaying plant material do not treat more than one half the lake or pond at one time. For large bodies of weed infested waters leave buffer strips of at least 100 feet wide and delay treatment of these strips for 4-5 weeks or until the dead vegetation has decomposed.

WIND VELOCITY

Ground or Surface Application - Do not apply when wind speeds are at or above 10 mph.
Air Application - Do not apply when wind speeds are at or above 5 mph. The restrictions do not apply to subsurface applications used in weed control programs.

APPLICATION INSTRUCTIONS

Weedestroy AM-40 will control water milfoil with surface, subsurface and air applications.

WATER MILFOIL (Myriophyllum Spicatum)

How to Use - To control water milfoil when less than 5 gallons of concentrate per acre is recommended, dilute the concentrate with water to apply a minimum of 5 gallons of spray mix per acre. Do not treat within 1/2 mile of potable water intakes. Shoreline areas should be treated by subsurface injection applied by boat to avoid aerial drift. Do not apply when weather conditions favor drift from target area. Do not contaminate water when disposing of equipment washwaters.

Open Water Areas - To reduce contamination and prevent undue exposure to fish and other aquatic organisms, do not treat water areas that are not infested with aquatic weeds.

Amount to Use - Apply 2.5 to 10 gallons of concentrate per acre. The higher rate is used in areas of greater water exchange. These areas may require a repeat application.

When to Apply - For best results, apply in spring or early summer when milfoil starts to grow. This timing can be checked by sampling the lake bottom in areas heavily infested with weeds the year before.

Subsurface Application - Apply 2.5 to 10 gallons of Weedestroy AM-40 per acre as a concentrate directly into the water through boat-mounted distribution systems.

Surface Application - Apply 2.5 to 10 gallons of Weedestroy AM-40 per acre minimum spray volume 5 gallons mix per acre.

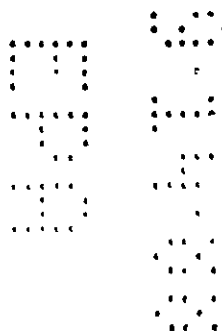
Air Application - Use drift control spray equipment or thickening agents such as Lo-DriftTM mixed into the spray solution. Apply 2.5 to 10 gallons per acre of Weedestroy AM-40 through standard boom systems with a minimum of 5 gallons of spraymix per acre. For Microfoil^(R) drift control spray systems, apply 12 to 15 gallons mix per acre.

Lo-DriftTM and Microfoil^(R) - Trademarks of Rhone-Poulenc.

Riverdale Weedestroy AM-40 Amine Salt

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EPA Est. No. 228-11-1



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SUPPLEMENTAL LABELING

WATER HYACINTH CONTROL

To be applied by Federal, state or local public agency personnel, trained in aquatic weed control, or by licensed commercial applicators under contract to the above agencies. For use in ponds, lakes, reservoirs, marshes, bayous, drainage ditches, canals, rivers and streams that are quiescent or slow moving.

NOTICE TO APPLICATORS

State and Local Coordination - Before application under any project program, coordination and approval of local and state authorities may be required, either by letter of agreement or issuance of special permits for such use.

FISH TOXICITY - Oxygen Ratio - Fish breathe oxygen in the water and a water-oxygen ratio must be maintained. Decaying weeds use up oxygen. To avoid fish kill from decaying plant material do not treat more than one half the lake or pond at one time. For large bodies of weed infested waters leave buffer strips of at least 100 feet wide and delay treatment of these strips for 4 to 5 weeks or until the dead vegetation has decomposed.

WIND VELOCITY - Ground or Surface Application - Do not apply when wind speeds are at or above 10 mph. Air Application - Do not apply when wind speeds are at or above 5 mph.

IRRIGATION - Delay the use of treated waters for irrigation for three weeks after treatment unless an approved assay shows that the water does not contain more than .1 ppm 2,4-D acid. Do not treat irrigation ditches in areas where water will be used to overhead (sprinkler) irrigate susceptible crops especially grapes, tomatoes and cotton.

POTABLE WATER - Delay the use of treated water for domestic purposes for a period of 3 weeks or until such time as an approved assay shows that the water contains no more than .1 ppm 2,4-D acid.

APPLICATION INSTRUCTIONS

Weedestroy AM-40 will control water hyacinth with surface and air applications.

WATER HYACINTH (Eichornia crassipae)

Amounts to Use - 2 to 4 qts. (4 lb. acid equivalent per gallon) per acre. Spray the weed mass only. Use 4 qts. when plants are matured or when the weed mass is dense.

When to Apply - Spray when water hyacinth plants are actively growing. Repeat as necessary to kill regrowth and hyacinth plants missed in the previous operation.

How to Use - Surface Application - Use power sprayers operated ~~with a boom~~ or spray gun mounted on a boat, tractor or truck. Thorough wetting of foliage is essential for maximum control. Use 100 to 400 gal./A of spray mixture. Special precaution such as the use of low pressure, large nozzles and thickening agents should be taken to avoid spray drift in areas of sensitive crops. For Directa-Spra^(R) operation use Weedestroy AM-40 with 1 pint of Lo-DriftTM in 50 to 100 gallons of water. For other applications follow the Lo-DriftTM label for mixing directions.

Air Application - Use drift control spray equipment or thickening agents such as Lo-DriftTM mixed into the spray solution. Apply 1.0 gallons per acre of Weedestroy AM-40 through standard boom systems with a minimum of 5 gallons of spray mix per acre. For Microfoil^(R) drift control spray systems apply Weedestroy AM-40 in 12 to 15 gallons spray mix per acre.

Lo-DriftTM, Microfoil^(R) and Directa-Spra^(R) - Trademarks of Rhone-Poulenc.

Riverdale Weedestroy AM-40 AMine Salt

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EPA Est. No. 228-1L-1

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